EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/815593.app.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 08:59
S2	6	(("5340628") or ("5394413") or ("6022905") or ("6057871") or ("6113992") or ("6160568")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/02 11:42
S5	56	("4982405" | "5119382" | "5132977" | "5253102" | "5315433").PN. OR ("5394413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:42
S6	1	S5 and (saturation near2 threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:45
S7	2	S5 and (saturat$3 near2 (threshold or absorb$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:55
S8	29	"347".clas. and ((Q$1switch$3 or (Q adj switch)) adj laser)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:58
S9	47	(passive adj (Q$1switch$3 or (Q adj switch)) adj laser)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:58
S10	3	(S8 or S9) and ((saturation or hold$3 or simmer$3 or lase or threshold) near2 level)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 15:59
S11	6	("5340628" "5394413" "6022905" "6057871" "6113992" "6160568").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/17 08:55
S12	3	("5719372" "5225923" "5719372" "5734412").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 09:41
S13	4	(US-20020001028-$).did. or (US-6961078-$ or US-6160568-$ or US-5394413-$).did.	US-PGPUB; USPAT	OR	ON	2006/07/18 09:39
S14	1552	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and ((pump$3 or las$3) same (threshold or saturat$3 or hold))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:20
S15	17	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and ((pump$3 or las$3) same (threshold or saturat$3 or hold) same "%")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:25

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S16	11	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and ((pump$3 or las$3) with (threshold or saturat$3 or hold) with "50%")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:30
S17	0	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and ("%" adj (below or under or "of") adj (threshold or saturation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:31
S18	181	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and ((below or under or "of") adj (threshold or saturation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:33
S19	0	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (percent adj (below or under or "of") adj (threshold or saturation))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:32
S20	8	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (power near3 ((below or under or "of") adj (threshold or saturation)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:35
S21	1	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (simmer with saturation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:36
S22	6	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (hold$3 with saturation)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:39
S23	456	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (hold$3 with las$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:39
S24	5	(((Q$1switch) or (Q adj switch)) or (micro$1laser or (micro adj laser))) and (hold$3 with las$3 with threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 10:39
S25	54	("3609389" | "3628186" | "3866141" | "3902137" | "4309998" | "4391275" | "4479220" | "4630275" | "4660205" | "4667331" | "4982405" | "5172391" | "5243611" | "5812569" | "6009110" | "6418154" | "Re34192").PN. OR ("2002/0141457" | "5001716" | "5381431" | "6654391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 10:45
S26	43	S25 and (hold$3 or saturat$3 or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 11:00

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S28	448	laser and (below near (simmer$3 threshold saturat$3 populat$3 hold$3) near (level power)) and pump$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 11:03
S29	38	(q same laser) and (below near (simmer$3 threshold saturat$3 populat$3 hold$3) near (level power)) and pump$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 11:16
S30	1	60/459795	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 11:16
S31	1	saturation with threshold with simmer with power with level	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:54
S32	35	simmer with power with level	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:59
S33	231	hold with off with power with level	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:32
S34	23	hold with off with power with level and laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:24
S35	152	las$3 with hold with power with level	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:31
S36	14	hold with off with power with level with threshold	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:36
S37	3	hold with off with power with level with saturation	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:33
S38	40	q$1switch$3 with control with emit$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:36
S39	116	hold with off with level with threshold	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:53
S40	16	simmer with level with threshold	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 14:47
S41	100	(372/38.02,38.07).ccls. and (bias adj current) and (modulation adj current) and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:26

S42	0	(372/38.02,38.07).ccls. and (bias adj current) and (modulation adj current) and threshold and (q$1switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:27
S43	0	(372/38.02,38.07).ccls. and (bias adj current) and (modulation adj current) and threshold and (q adj switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:28
S44	0	(372/38.02,38.07,10,11).ccls. and (bias adj current) and (modulation adj current) and threshold and (q adj switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:28
S45	0	(372/38.02,38.07,10,11).ccls. and (bias adj current) and (modulation adj current) and threshold and (q$1switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:28
S46	3	(bias adj current) and (modulation adj current) and threshold and (q$1switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 15:28
S47	4	activation with time with laser with pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 16:46
S48	566	activation with time same pump and las$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 16:47
S49	2	"6917639"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:25
S50	40	("20020080428" | "20020101642" | "20020114365" | "20020141466" | "3925735" | "4339822" | "4347610" | "4677632" | "4985896" | "5027362" | "5036519" | "5043992" | "5050177" | "5138623" | "5153765" | "5237579" | "5258780" | "5309269" | "5325160" | "5500867" | "5651017" | "5675599" | "5754577" | "5784091" | "5844928" | "5946334" | "6055252" | "6118798" | "6233081" | "6359717" | "6370175" | "6376837" | "6384949" | "6388792" | "6400391" | "6417509" | "6448998" | "6509995" | "6560258").PN. OR ("6917639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 17:36

S51	28	activation with time same pump same threshold and las$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:46
S52	37	(activation with time) same threshold same (simmer or hold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:48
S53	14	(activation with time) same saturat$3 same (simmer or hold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:49
S54	199	((simmer or hold) with (saturation or threshold)) and laser and ("%" or percent)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:53
S55	5	(((simmer or hold) with (saturation or threshold)) same ("%" or percent)) and laser	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:55
S56	157	(((simmer or hold) with (saturation or threshold)) same ("%" or percent))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 17:58
S57	2	(((simmer or hold) with (saturation or threshold)) same microlaser)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/18 18:11
S58	127	power saturation level threshold laser	US-PGPUB; USPAT; USOCR; EPO; JPO	SAME	ON	2006/07/18 18:12
S59	3	("5488620" | "5991315" | "6608854").PN. OR ("6931047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 18:23
S60	58	(optic$2 same scan$4 same mirror same pivot$4) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 09:22
S61	1	(fiber near optic$2 same scan$4 same mirror same pivot$4) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 09:55
S62	23	(q$1switch with laser) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 10:22

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S63	1	(q$1switch with laser) and "399".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 10:02
S64	883	(laser) and (fiber near optic$2) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 10:16
S65	183	(laser) and ((fiber near optic$2) same guid$4) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 10:17
S66	424	(q$1switch with laser) and (fiber near optic$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 10:22
S67	85	(q$1switch with laser) and ((fiber near optic$2)same guide$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 11:42
S68	245	laser and (optic$2 near guid$4) same (mirror or (fiber near optic)) same (chasis or base or body or housing or carriage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 13:15
S70	5	laser with (fiber near optic) same (optical near head) with (move or movable)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:43
S71	164	(fiber near optic$2) same (((optic$2 or writ$3) near head) with (move or movable or moving))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:03
S72	933	((carriage or head) with (adjust$3) with (distance)) and laser	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:04
S73	180	(((carriage or head) with (adjust$3) with (distance)) and laser) and "347". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:06
S74	147	(((carriage or head) with (adjust$3) with (distance)) and laser) and "347". clas. not inkjet	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:07
S75	35	(((carriage or head) with (adjust$3) with (distance)) and laser) and "347". clas. not (inkjet or drop or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:58

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S76	1	"2002164420"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:41
S77	2	"2002-164420"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:39
S78	221	sasaki-yoshiharu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:44
S79	9	(((carriage or head) with (vary or variable) with (distance)) and laser) and "347".clas. not (inkjet or drop or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/19 15:59
S80	18	"6072815"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 09:23
S81	3	(control$3 near circuit) with laser with separate with print$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 09:27
S82	5	(control$3 near circuit) with (microlaser or laser) with separat$3 with print$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 09:29
S83	1	(control$3 near circuit) with (microlaser or laser) with separat$3 with (heat near management)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 09:29
S84	6	(control$3 near circuit) with (microlaser or laser) with separat$3 with (heat)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/20 09:30

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S85	52	("20020167974" | "20020185474" | "20030156615" | "20050069007" | "3571744" | "3577097" | "3581230" | "3673504" | "3711791" | "3772611" | "3790278" | "3820038" | "3824717" | "4030839" | "4169251" | "4174504" | "4176327" | "4197513" | "4363126" | "4393517" | "4498179" | "4499582" | "4660204" | "4675872" | "4719639" | "4787090" | "4815094" | "4891819" | "5177748" | "5220576" | "5299223" | "5311529" | "5327442" | "5329539" | "5353297" | "5365532" | "5491579" | "5600668" | "5610936" | "5654782" | "5748663" | "5881087" | "5972737" | "5982790" | "6061377" | "6072815" | "6192061" | "6252726" | "6459314" | "6683893" | "6697408" | "6826204"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 12:03
S86	9	(control with circuit with enclosure) same (printing with enclosure)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 12:06
S87	123	(control with circuit with housing) same (print$3 with housing) same (separa$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 12:43
S88	6	(cool$3 near system) with (temperature near sens$3) with (laser or microlaser)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:05
S89	0	(cool$3 near system) with (temperature near sens$3) with (PID or (proportional adj integral adj (derivative or differential)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:07
S90	46	(cool$3) with (temperature near sens$3) with (PID or (proportional adj integral adj (derivative or differential)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:51
S91	723	temperature with control with laser with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:51
S92	26	(temperature with control with laser with sensor) and "347".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 13:55
S93	70	temperature with control with laser with sensor with cooling	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:00
S94	6	temperature with control with laser with sensor with cooling and (PID)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:16

S95	125	photodiode with laser with rate	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/20 14:17